

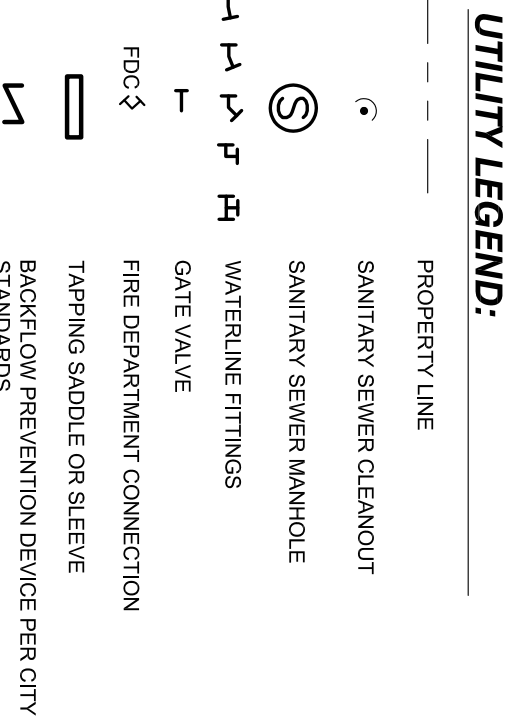
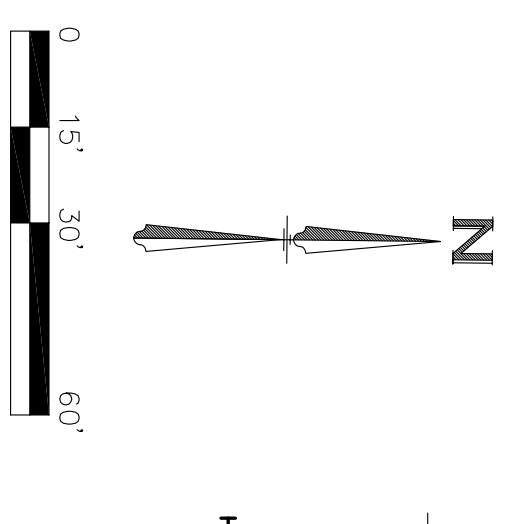
CURVE	DELTA	RADIUS	LENGTH
C1 (M)	89°35'54.00" W	74.00'	74.00'
C1 (N)	N 82°13'15" W	74.00'	74.00'
C1 (R)	CHORD BEARING	CHORD	CHORD
C1 (M)	N 81°17'17" W	74.00'	74.00'
C1 (N)	CHORD BEARING	CHORD	CHORD
C2 (M)	87°06'35" E	64.63'	64.63'
C2 (N)	CHORD BEARING	CHORD	CHORD
C2 (R)	87°06'35" E	64.63'	64.63'
C2 (N)	CHORD BEARING	CHORD	CHORD
C3 (M)	15°28'45" E	14.35'	14.35'
C3 (N)	CHORD BEARING	CHORD	CHORD
C3 (R)	15°28'45" E	14.35'	14.35'
C3 (N)	CHORD BEARING	CHORD	CHORD

CURVE	DELTA	RADIUS	LENGTH
C3 (M)	15°28'45" E	14.35'	14.35'
C3 (N)	CHORD BEARING	CHORD	CHORD
C3 (R)	15°28'45" E	14.35'	14.35'
C3 (N)	CHORD BEARING	CHORD	CHORD
C4 (M)	15°28'45" E	14.35'	14.35'
C4 (N)	CHORD BEARING	CHORD	CHORD
C4 (R)	15°28'45" E	14.35'	14.35'
C4 (N)	CHORD BEARING	CHORD	CHORD

CURVE	DELTA	RADIUS	LENGTH
C4 (M)	15°28'45" E	14.35'	14.35'
C4 (N)	CHORD BEARING	CHORD	CHORD
C4 (R)	15°28'45" E	14.35'	14.35'
C4 (N)	CHORD BEARING	CHORD	CHORD

BOUNDARY LINE TABLE

LINE	BEARING	DISTANCE
L1 (M)	N 11°46'02" E	11.00'
L1 (N)	S 23°03'17" E	23.27'
L1 (R)	N 42°52'50" E	11.00'
L1 (N)	S 23°03'17" E	23.27'



**BENCH MARK**

BENCHMARK NO. 1 - "X" CUT IN CONCRETE STORM INLET ON NORTH SIDE OF ARAPAHO ROAD APPROXIMATELY 575' EAST OF THE CENTERLINE INTERSECTION OF ARAPAHO ROAD AND MARSH LANE.

BENCHMARK NO. 2 - "X" CUT IN CONCRETE GRADE INLET APPROXIMATELY 360' EAST OF THE CENTERLINE INTERSECTION OF ARAPAHO ROAD AND MARSH LANE.

ELEV.: 582.69'

ELEV.: 583.61'

ELEVATIONS ARE NAVD88 BASED ON GPS OBSERVATIONS.

UTILITY PLAN NOTES

- ALL FILL MATERIAL IS TO BE IN PLACE AND COMPACTED BEFORE INSTALLATION OF PROPOSED UTILITIES.
- CONTRACTOR IS RESPONSIBLE FOR COMPILING TO THE SPECIFICATIONS OF THE LOCAL AUTHORITIES WITH REGARDS TO MATERIALS AND INSTALLATION OF THE WATER AND SEWER LINES.
- CONTRACTOR SHALL NOTIFY UTILITY AUTHORITIES INSPECTORS 72 HOURS BEFORE SANITARY SEWER PIPE SHALL BE AS FOLLOWS:
- 6" PVC SCHEDULE 40
- WATER LINE SHALL BE AS FOLLOWS:
  - PIPE SIZES LESS THAN 3 INCHES THAT ARE INSTALLED BELOW GRADE AND OUTSIDE THE BUILDING SHALL COMPLY WITH THE FOLLOWING:
    1. ENDUPHORE - ASTM D2737, 200 PSI - PE 4710/PE 3408
    2. BPIPE SIZES 3 INCHES OR GREATER THAT ARE INSTALLED BELOW GRADE AND OUTSIDE THE BUILDING SHALL COMPLY WITH THE FOLLOWING:
      1. POLYETHYLENE GLASS REINFORCED (PVC) WATER PIPE, P.E. 1, AWWA C900, RATED DR 18 (4.4) - ELASTOMERIC CASSETS AND LUBRICANT: ASTM - F477 FOR SMALLER PIPES
      2. PIPE JOINTS: INTEGRALLY MOLDED BELL ENDS, ASTM D 3139
      3. ALL WATER JOINTS ARE TO BE MECHANICAL JOINTS WITH THRUST BLOCKING AS CALLED OUT IN SPECIFICATIONS FOR WATER MAINS.
      4. WATER AND SANITARY SEWER SHOULD BE KEPT TEN (10') APART (PARALLEL) OR 18" APART WHEN CROSSING (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE).
      5. CONTRACTOR SHALL MAINTAIN 3'-0" COVER ON ALL WATERLINES.
      6. CONTRACTOR SHALL MAINTAIN 1'-0" COVER ON ALL SANITARY LINES.
      7. GROSSING (OUTSIDE EDGE OF PIPE TO OUTSIDE EDGE OF PIPE)
      8. LINES UNDERGROUND SHALL BE INSTALLED, INSPECTED, AND APPROVED PRIOR TO BACKFILLING.
      9. EXISTING MANHOLES SHALL BE PAVED AS NECESSARY TO BE FLUSH WITH TOP OF EXISTING MANHOLE.
      10. PROPOSED EXISTING MANHOLES SHALL BE PAVED AS NECESSARY TO BE FLUSH WITH TOP OF EXISTING MANHOLE.
      11. ALL CONCRETE FOR ENCASMENTS SHALL HAVE A MINIMUM 28 DAY COMPRESSION STRENGTH AT 3000 P.S.I.
      12. DRAWINGS DON'T PURPORT TO SHOW ALL EXISTING UTILITIES.
      13. ANY NEW LINES.
      14. CONTRACTOR SHALL VERIFY IN THE FIELD PRIOR TO INSTALLATION OF UTILITIES.
      15. CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR INSTALLATION.
      16. REFER TO INTERIOR PLUMBING FOR THE IN ON ALL UTILITIES.
      17. CONTRACTOR SHALL PROVIDE TRENCHING, CONDUIT, PULL WIRE, AND BACKFILL FOR TELEPHONE AND ELECTRIC LINES UNLESS OTHERWISE NOTED.
      18. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING THE EXACT LOCATION, DEPTH, AND BEARING OF ANY WATER/SEWER FACILITY ORSE BY THIS PROJECT. THE RELOCATION OF ANY WATER/SEWER FACILITY OF THE DEVELOPER.
      19. REFER TO ARCHITECTURAL PLANS FOR SITE LIGHTING AND ELECTRICAL PLANS.
      20. REFER TO ARCHITECTURAL PLANS FOR THE LOCATION OF ALL SANITARY SEWER VALVES. VALVE WILL BE PRIVATE LINE AND THE RESPONSIBILITY OF THE OWNER.
      21. NO UTILITIES/STORM/SANITARY LINES ARE ALLOWED TO CROSS PERPENDICULAR.
      22. ALL PUBLIC WATER MAINS MUST BE LOCATED IN RECORDED EASEMENTS.
      23. IN ACCORDANCE WITH CITY/COUNTY SPECIFICATIONS AND

CONTRACTOR TO CONNECT NEW IRIGATION TO EXISTING IRRIGATION SYSTEM. SEE LANDSCAPE AND IRRIGATION PLANS.

CONTRACTOR TO CONNECT NEW AND WATER METER TO REMAIN ADJUST TOP ELEVATION AS NEEDED

EXISTING WATER MAIN AND WATER METER TO REMAIN ADJUST TOP ELEVATION AS NEEDED

EXISTING SLOTTED DRAIN

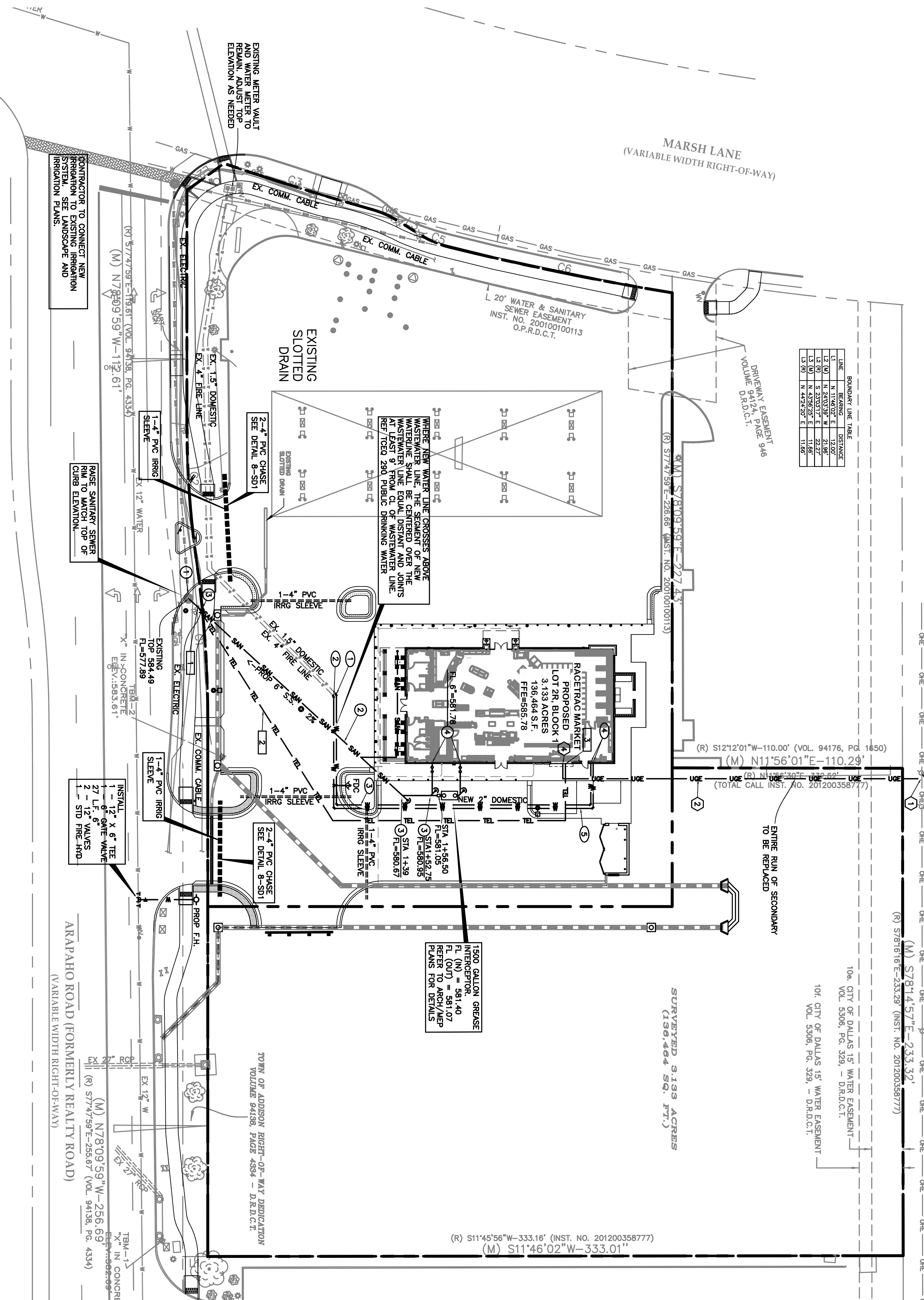
NEW WATER LINE CROSSING ABOVE WATER MAIN LINE. THE SEGMENT OF NEW WATER MAIN LINE SHALL BE INSTALLED AT LEAST 9' FROM CL OF WATER MAIN LINE. REFER TO 200 PUBLIC DRINKING WATER

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1500 GALLON GREASE INTERCEPTOR. FL (N) = 581.40' FL (OUT) = 581.07' REFER TO ARCH/MEP PLANS FOR DETAILS

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**TELEPHONE SERVICE NOTES**

CONTACT: AT&T

- LOCATION OF CONNECTION FOR NEW SERVICE
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING 1"-3" CONDUITS WITH NO 90° BENDS. ALL BENDS TO BE 90° BENDS WITH PULL STRINGS
- SEE ARCHITECTURAL PLANS FOR EXACT LOCATION OF TELEPHONE AND DATA ENTRANCE INTO THE BUILDING. CONTRACTOR TO PROVIDE 4X4 BACKBOARD WITH NO. 6 GROUNDING WIRE.

**ELECTRIC SERVICE NOTES**

CONTACT: ONCOR

- LOCATION OF CONNECTION FOR NEW SERVICE
- CONTRACTOR IS RESPONSIBLE FOR INSTALLING 2"-4" CONDUITS WITH NO 90° BENDS. ALL BENDS TO BE 90° BENDS WITH PULL STRINGS
- EXISTING POLE MOUNTED TRANSFORMER
- SEE ARCHITECTURAL PLANS FOR EXACT LOCATION OF UTILITY ENTRANCE INTO THE BUILDING.

**SANITARY SEWER SERVICE NOTES**

CONTACT: TOWN OF ADDISON, 16901 WESTGROVE DR ADDISON, TX 75001

- LOCATION OF CONNECTION FOR NEW SERVICE. CONTRACTOR TO VERIFY THE EXISTING SANITARY SEWER LINE, VERIFY INVERT ELEVATION PRIOR TO CONSTRUCTION OF ANY OF THE UTILITIES.
- SANITARY SEWER SERVICE LINE
- SANITARY SEWER CLEAN OUT PER LOCAL CODES
- SEE ARCHITECTURAL PLANS FOR EXACT LOCATION OF UTILITY ENTRANCE INTO THE BUILDING.

**WATER SERVICE NOTES**

CONTACT: TOWN OF ADDISON, 16901 WESTGROVE DR ADDISON, TX 75001

- LOCATION OF CONNECTION TO EXISTING SERVICE LINE. INSTALL 1" 2"x1" 5" REDUCER FOR NEW 2" DOMESTIC LINE TO BUILDING
- DOMESTIC SERVICE LINE
- SEE ARCHITECTURAL PLANS FOR EXACT LOCATION OF UTILITY ENTRANCE INTO THE BUILDING.
- NEW 4" FIRE LINE

**AS-BUILTS**

Trevi J. Bousoquet, PE

May 22, '20

Date

NO.	DESCRIPTION	DATE
8	As-Builts to City	05/22/20
7	Modification to sidewalk along Arapaho	04/16/20
6	Additional Spot elevations to GC	11/07/19
5	REVISED PLANS TO TOWN	08/23/2019
4	TOWN SUBMITTAL	04/05/2019
3	TOWN SUBMITTAL	08/30/2018
2	TOWN SUBMITTAL	08/28/2018
1	TOWN SUBMITTAL	02/12/2018

THESE PLANS ARE SUBJECT TO FEDERAL AND STATE REGULATIONS. ANY USE OF SAME WITHOUT THE EXPRESSED WRITTEN PERMISSION OF RACETRAC PETROLEUM, INC. IS PROHIBITED.

05/22/20

**RACETRAC**

RACETRAC PETROLEUM, INC.  
3225 CUMBERLAND BOULEVARD  
SUITE 100 ATLANTA, GA 30339  
(770) 431-7600

**JONES CARTER**

Texas Board of Professional Engineers Registration No. F-439  
4500 Mercerdale Plaza Drive, Suite 220 - Fort Worth, TX 76137 - 682.268.2200

**UTILITY PLAN**

**RACETRAC**

Beltline/Marsh Business Park  
Lot 2, Block 1  
3.133 Ac. - Zoned: Light Retail  
Addison, Texas

DATE: May 22, '20  
SCALE: 1"=30'  
DRAWN BY: T.J.B.  
SHEET NO.: C-31  
VERSION: -